

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1.-11. (Cancelled).

12. (Cancelled)

13. (Previously Presented) A broadcast receiving method comprising:

a receiving step of receiving a broadcast in which additional information that is made to correspond to an object appearing in broadcast contents broadcasted from a broadcasting station and that contains keyword information specifying said object and a language model are broadcasted simultaneously with said broadcast contents;

a correcting step of utilizing a synonym dictionary in which a plurality of words are classified into word classes on the basis of the synonymy between the words, and of thereby correcting a frequency of appearance of a predetermined combination of said word classes in an expression form of said language model and/or a frequency of appearance of a predetermined word with reference to said word class in an expression form of said language model, on the basis of history information of speech recognition result of already performed speech recognition;

a speech recognition step of performing speech recognition of a voice uttered by a viewing person, by using said corrected language model;

a specifying step of specifying said keyword information on the basis of the speech recognition result; and

a displaying step of displaying additional information corresponding to said specified keyword information.

14. (Previously Presented) A broadcast receiving method comprising:

a receiving step of receiving a broadcast in which additional information that is made to correspond to an object appearing in broadcast contents broadcasted from a broadcasting station and that contains keyword information specifying said object and information specifying a language model are broadcasted simultaneously with said broadcast contents;

a language model specifying step of specifying said language model retained in advance, by using information specifying said received language model;

a correcting step of utilizing a synonym dictionary in which a plurality of words are classified into word classes on the basis of the synonymy between the words, and of thereby correcting a frequency of appearance of a predetermined combination of said word classes in an expression form of said specified language model and/or a frequency of appearance of a predetermined word with reference to said word class in an expression form of said specified language model, on the basis of history information of speech recognition result of already performed speech recognition;

a speech recognition step of performing speech recognition of a voice uttered by a viewing person, by using said corrected language model;

a specifying step of specifying said keyword information on the basis of the speech recognition result; and

a displaying step of displaying additional information corresponding to said specified keyword information.

15. (Cancelled)

16. (Previously Presented) A broadcast receiving system comprising:

a first apparatus having broadcasting part for broadcasting additional information that is made to correspond to an object appearing in broadcast contents broadcasted from a broadcasting station and that contains keyword information specifying said object, and a language model, simultaneously with said broadcast contents, and

a second apparatus having: receiving part for receiving said broadcast broadcasted from said first apparatus; correcting part for utilizing a synonym dictionary in which a plurality of words are classified into word classes on the basis of the synonymy between the words, and of thereby correcting a frequency of appearance of a predetermined combination of said word classes in an expression form of said language model and/or a frequency of appearance of a predetermined word with reference to said word class in an expression form of said language model, on the basis of history information of speech recognition result of already performed speech recognition; speech recognition part for performing speech recognition of a voice uttered by a viewing person, by using said corrected language model; specifying part for specifying said keyword information on the basis of the speech recognition result; and displaying part for displaying additional information corresponding to said specified keyword information.

17. (Previously Presented) A broadcast receiving system comprising:

a first apparatus having broadcasting part for broadcasting additional information that is made to correspond to an object appearing in broadcast contents broadcasted from a broadcasting station and that contains keyword information specifying said object, and information specifying a language model, simultaneously with said broadcast contents, and

a second apparatus having: receiving part for receiving said broadcast broadcasted from said first apparatus; language model specifying part for specifying said language model retained in advance, by using information specifying said received language model; correcting part for utilizing a synonym dictionary in which a plurality of words are classified into word classes on the basis of the synonymy between the words, and of thereby correcting a frequency of appearance of a predetermined combination of said word classes in an expression form of said specified language model and/or a frequency of appearance of a predetermined word with reference to said word class in an expression form of said specified language model, on the basis of history information of speech recognition result of already performed speech recognition; speech recognition part for performing speech recognition of a voice uttered by a

viewing person, by using said corrected language model; specifying part for specifying said keyword information on the basis of the speech recognition result; and displaying part for displaying additional information corresponding to said specified keyword information.

18. (Cancelled)

19. (Previously Presented) A first apparatus comprising:

broadcasting part for broadcasting additional information that is made to correspond to an object appearing in broadcast contents broadcasted from a broadcasting station and that contains keyword information specifying said object, and a language model, simultaneously with said broadcast contents;

wherein, said broadcast is received by a second apparatus comprising: receiving part for receiving said broadcast; correcting part for utilizing a synonym dictionary in which a plurality of words are classified into word classes on the basis of the synonymy between the words, and of thereby correcting a frequency of appearance of a predetermined combination of said word classes in an expression form of said language model and/or a frequency of appearance of a predetermined word with reference to said word class in an expression form of said language model, on the basis of history information of speech recognition result of already performed speech recognition; speech recognition part for performing speech recognition of a voice uttered by a viewing person, by using said corrected language model; specifying part for specifying said keyword information on the basis of the speech recognition result; and displaying part for displaying additional information corresponding to said specified keyword information.

20. (Previously Presented) A first apparatus comprising:

broadcasting part for broadcasting additional information that is made to correspond to an object appearing in broadcast contents broadcasted from a broadcasting station and that contains keyword information specifying said object, and information specifying a language model, simultaneously with said broadcast contents;

wherein said broadcast is received by a second apparatus comprising: receiving part for receiving said broadcast; language model specifying part for specifying said language model

retained in advance, by using information specifying said received language model; correcting part for utilizing a synonym dictionary in which a plurality of words are classified into word classes on the basis of the synonymy between the words, and of thereby correcting a frequency of appearance of a predetermined combination of said word classes in an expression form of said specified language model and/or a frequency of appearance of a predetermined word with reference to said word class in an expression form of said specified language model, on the basis of history information of speech recognition result of already performed speech recognition; speech recognition part for performing speech recognition of a voice uttered by a viewing person, by using said corrected language model; specifying part for specifying said keyword information on the basis of the speech recognition result; and displaying part for displaying additional information corresponding to said specified keyword information.

21. - 24. (Cancelled)

25. (Previously Presented) An second apparatus comprising:

receiving part for receiving a broadcast broadcasted from a first apparatus having broadcasting part for broadcasting additional information that is made to correspond to an object appearing in broadcast contents broadcasted from a broadcasting station and that contains keyword information specifying said object, and a language model, simultaneously with said broadcast contents;

correcting part for utilizing a synonym dictionary in which a plurality of words are classified into word classes on the basis of the synonymy between the words, and of thereby correcting a frequency of appearance of a predetermined combination of said word classes in an expression form of said language model and/or a frequency of appearance of a predetermined word with reference to said word class in an expression form of said language model, on the basis of history information of speech recognition result of already performed speech recognition;

speech recognition part for performing speech recognition of a voice uttered by a viewing person, by using said corrected language model;

specifying part for specifying said keyword information on the basis of the speech recognition result; and

displaying part for displaying additional information corresponding to said specified keyword information.

26. (Previously Presented) A second apparatus comprising:

receiving part for receiving a broadcast broadcasted from a first apparatus having broadcasting part for broadcasting additional information that is made to correspond to an object appearing in broadcast contents broadcasted from a broadcasting station and that contains keyword information specifying said object, and information specifying a language model, simultaneously with said broadcast contents;

language model specifying part for specifying said language model retained in advance, by using information specifying said received language model;

correcting part for utilizing a synonym dictionary in which a plurality of words are classified into word classes on the basis of the synonymy between the words, and of thereby correcting a frequency of appearance of a predetermined combination of said word classes in an expression form of said specified language model and/or a frequency of appearance of a predetermined word with reference to said word class in an expression form of said specified language model, on the basis of history information of speech recognition result of already performed speech recognition;

speech recognition part for performing speech recognition of a voice uttered by a viewing person, by using said corrected language model;

specifying part for specifying said keyword information on the basis of the speech recognition result; and

displaying part for displaying additional information corresponding to said specified keyword information.

27. (Previously Presented) The second apparatus of claim 26 wherein the information specifying said language model is an ID imparted to said language model in advance.

28. (Previously Presented) The second apparatus of claim 26 wherein:

the information specifying said language model is keyword information for language model specification;

the keyword information for language model specification is imparted also to said language model retained in advance; and

said language model specifying part specifies said language model depending on the degree of agreement of those keywords for language model specification.

29. (Previously Presented) A second apparatus according to any one of claims 25 to 28 wherein:

if said correcting part corrects a frequency of appearance of a predetermined word with reference to a predetermined word class in an expression form of said language model, wherein said history information contains a word recognized in said already performed speech recognition and said correcting part extracts a word contained in said word class containing the word corresponding to said keyword information;

with respect to a word contained in said history information among the extracted words, a frequency of appearance of the word with reference to said word class in an expression form of said language model is increased; and

with respect to a word not contained in said history information among the extracted words, a frequency of appearance of the word with reference to said word class in an expression form of said language model is decreased.

30. (Previously Presented) A second apparatus according to any one of claims 25 to 28 wherein:

if said correcting part corrects a frequency of appearance of a predetermined combination of said word classes in an expression form of said language model, wherein said history information contains a word recognized in said already performed speech recognition and said correcting means extracts a word class containing a word corresponding to said keyword information;

with respect to said extracted word class, a frequency of appearance of a predetermined combination of said word classes in an expression form of said language model is increased; and

with respect to a word class not extracted, a frequency that the word class appears after a predetermined sequence of said word classes in an expression form of said language model is decreased.

31. (Previously Presented) A second apparatus according to any one of claims 25-28 wherein:

if said correcting means corrects a frequency of appearance of a predetermined combination of said word classes in an expression form of said language model, wherein said history information contains a word class containing a word recognized in said already performed speech recognition and said correcting part extracts a word class corresponding to said keyword information;

with respect to said extracted word class, a frequency of appearance of a predetermined combination of said word classes in an expression form of said language model is increased; and

with respect to a word class not extracted, a frequency of appearance of a predetermined combination of said word classes in an expression form of said language model is reduced.

32. (Currently Amended) A second apparatus according to any one of claims 21-2825-28, comprising transmitting part for transmitting an instruction corresponding to a predetermined

operation to a predetermined transmission destination when the predetermined operation is performed on said displayed additional information.

33. (Previously Presented) The second apparatus according to claim 32, wherein said additional information is goods sales information and/or services sales information, and wherein said instruction corresponding to a predetermined operation is a request for brochure or purchase instruction information concerning said goods and/or said service.

34. (Previously Presented) The apparatus of claim 26 wherein said language model retained in advance has been acquired in advance through a network.

35. (Cancelled)

36. (Previously Presented) A computer-processible recording medium including a program that causes a computer to serve, in a second apparatus according to claim 25, as:

receiving part for receiving a broadcast broadcasted from a first apparatus having broadcasting part for broadcasting additional information that is made to correspond to an object appearing in broadcast contents broadcasted from a broadcasting station and that contains keyword information specifying said object, and a language model, simultaneously with said broadcast contents;

correcting part for utilizing a synonym dictionary in which a plurality of words are classified into word classes on the basis of the synonymy between the words, and of thereby correcting a frequency of appearance of a predetermined combination of said word classes in an expression form of said language model and/or a frequency of appearance of a predetermined word with reference to said word class in an expression form of said language model, on the basis of history information speech recognition result of already performed speech recognition;

speech recognition part for performing speech recognition of a voice uttered by a viewing person, by using said corrected language model;

specifying part for specifying said keyword information on the basis of the speech recognition result; and

displaying part for displaying additional information corresponding to said specified keyword information.

37. (Previously Presented) A computer-processible recording medium including a program that causes a computer to serve, in a second apparatus according to claim 26, as:

receiving part for receiving a broadcast broadcasted from a first apparatus having broadcasting part for broadcasting additional information that is made to correspond to an object appearing in broadcast contents broadcasted from a broadcasting station and that contains keyword information specifying said object, and information specifying a language model, simultaneously with said broadcast contents;

language model specifying part for specifying said language model retained in advance, by using information specifying said received language model;

correcting part for utilizing a synonym dictionary in which a plurality of words are classified into word classes on the basis of the synonymy between the words, and of thereby correcting a frequency of appearance of a predetermined combination of said word classes in an expression form of said specified language model and/or a frequency of appearance of a predetermined word with reference to said word class in an expression form of said specified language model, on the basis of history information of speech recognition result of already performed speech recognition;

speech recognition part for performing speech recognition of a voice uttered by a viewing person, by using said corrected language model;

specifying part for specifying said keyword information on the basis of the speech recognition result; and

displaying part for displaying additional information corresponding to said specified keyword information.